

**PART I Authorization to Operate**

- A. The permittee is authorized to perform Class V Injection Well activity described in the permit renewal application; and in the cover page of this permit, in accordance with the provisions set forth in this permit.
- B. This permit and the authorization to inject shall remain in effect until the expiration date stated on the cover page of this permit. If the permittee desires to continue injection past the expiration date of this permit, the permittee shall request a permit reissuance at least 180 days prior to expiration of this permit.

**PART II Injection and Operating Requirements**

- A. Injection Requirements

The permittee may inject only the chemical oxidant solution to aid in the remediation of existing groundwater contamination as described in the permit modification application.

- B. Modifications

Approval of the Alabama Department of Environmental Management (ADEM) shall be obtained prior to modification of any injection well activity. Modification shall mean any action that will change the nature of the injection activity, the methods of monitoring, or will result in injection of any fluid or compound not specifically authorized by this permit.

- C. Operation

The injection wells shall function properly. Should the wells not function properly, the permittee shall take corrective action, to include cessation of injection, as required by ADEM.

**PART III Monitoring Requirements**

- A. Injection Compounds

The permittee shall not inject any substance that is defined as hazardous or toxic by Federal or State laws or regulations or any substance not identified in the applications for this permit. The injection of substances other than those identified in the permit application is prohibited. The permittee shall provide a means for confirmatory sampling of the injection material, should the need arise.

## **PART IV      Records, Reports, & Submittals**

### **A.      Records**

1.      The permittee shall retain all records concerning the data used to complete the permit modification application, the operation of the injection activity, and the nature and composition of substances injected; to include records of the calibration of instruments, meters and gauges, quality control records, and recordings from continuous monitoring instrumentation; until at least three years after the injection activity ends.
2.      When requested by ADEM, the permittee shall deliver copies of any of the records maintained in accordance with this permit.

### **B.      Reports**

1.      The permittee shall submit to ADEM written confirmation of all injection of permitted substances no later than 30 days after injection. The confirmations shall include the information listed below:
  - a)      The dates of the injection.
  - b)      The amount of each substance injected.
  - c)      The location(s) of the injection.
2.      The permittee shall report to ADEM any of the following:
  - a)      Any planned action which will change the nature of the injection activity, will result in injection of a fluid or compound different from that authorized by this permit, will change the method of operations of any injection activity, or will change the method of monitoring wells or injected compounds.
  - b)      Any planned transfer of ownership of all or part of the permitted facility.
  - c)      Any relevant facts of which the permittee becomes aware which should have been submitted in a permit modification application and any corrections to data previously submitted in a permit application.

### **3.      Other Submittals**

Studies, engineering reports, plans and specifications, plugging and abandonment plans, logging reports, and other technical documents submitted to comply with this permit shall be prepared by or under the supervision of qualified persons defined by the UIC Regulations of the ADEM.

**PART V      Plugging and Abandonment**

- A. The permittee shall perform any abandonment and closure actions that may be required by ADEM to remove a threat to groundwater quality or to the health of persons which is caused by the injection activity.
- B. Upon the end of use for each injection well, the permittee shall abandon each well in a manner which protects each USDW from pollution by surface water and which prevents the movement of any pollutant or formation fluid from one USDW to another or from one formation to another and which isolates the injection zone.

**PART VI      Permit Modification, Revocation, Suspension, and Termination**

- A. ADEM may impose emergency additional conditions to this permit when necessary to protect waters of the state from pollution. These conditions may include suspension of the permit to inject and shall remain in effect until the permit is modified, revoked, suspended or terminated in accordance the UIC Regulations of ADEM.
- B. Non-emergency permit modification, revocation, suspension, and termination actions shall be accomplished in accordance with ADEM Administrative Code Rule 335-6-8.

**PART VII      General Provisions**

- A. The permittee shall comply with all provisions of the UIC Regulations of ADEM and shall comply with all provisions of this permit and shall reduce or halt injection if needed to maintain compliance with the permit and regulations.
- B. The permittee shall comply with all applicable Federal and State hazardous waste management regulations.
- C. The permittee shall allow members of the ADEM staff to:
  - 1. access property and records of the permittee for purposes of inspection.
  - 2. collect samples of the injected fluids, process and wastewater streams associated with the permitted injection activity.
  - 3. collect samples from any monitoring wells.
  - 4. obtain copies of records upon request.
- D. The permittee shall immediately take all reasonable steps to minimize or correct any adverse environmental impact resulting from the operation of the permitted injection activity.
- E. This permit does not convey any property rights of any sort, or any exclusive privilege.
- F. The filing of a request by the permittee for a permit modification, revocation, and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any permit condition.

- G. Any noncompliance with this permit constitutes a violation of the Alabama Water Pollution Control Act and/or the Underground Injection Control Regulations and is grounds for enforcement action such as permit termination, revocation, modification; or denial of a permit renewal application.
- H. All provisions of ADEM Admin. Code Rule 335-6-8-.12 are incorporated as terms and conditions of this permit by reference.

## ADEM Permit Rationale

Date: January 27, 2015

Prepared by: Joe Kelly

Permit Applicant Name: Najib Kasim

Facility Name: Express Market

Location: 2219 Greensboro Avenue  
Tuscaloosa  
Tuscaloosa County, Alabama  
Lat: N 33.192778/W -87.558889  
Town 21S, Range 10 W, Section 26

UIC Permit Number [ALSI9963025](#)

Draft Permit is: Modification

Injection Description: injection of chemical oxidant solution to aid in the remediation of existing petroleum contamination in the subsurface

Discussion: Standard permit drafted.

1. No hazardous injection
2. Sampling point required